

IN THE CLAIMS

Please cancel the existing slate containing claims 49, 50, 54 and 58 without prejudice or disclaimer of any subject matter therein and add new claims 63-64.

Claims 1-50. (Cancelled.)

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51. (Currently Amended.) A container handling system as in claim 63 50 wherein said hydraulic rotary actuator has a double-ended output shaft and wherein said mechanized arm arrangement includes a pair of spaced parallel curved arms, one attached to be operated by each end of said double-ended output shaft.

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52. (Currently Amended.) A container handling system as in claim 63 49 wherein said control system includes a speed controller for controlling the pivoting speed of said mechanized arm arrangement based on sensed angular arm position.

53. (Currently Amended.) A container handling system as in claim 51 50 wherein said control system includes a speed controller for controlling the pivoting speed of said mechanized arm arrangement based on sensed angular arm position.

54. (Cancelled.)

55. (Currently Amended.) A container handling system as in claim 63 wherein said sensing system for sensing the angular position of said arm includes an angular displacement transducer attached to sense the rotational position of said hydraulic rotary actuator.

56. (Previously Added.) A container handling system as in claim 51 wherein said sensing system for sensing the angular position of said arm includes an angular displacement transducer attached to sense the rotational position of said hydraulic rotary actuator.

57. (Currently Amended.) A container handling system as in claim 52 ~~54~~ wherein said sensing system for sensing the angular position of said arm includes an angular displacement transducer attached to sense the rotational position of said hydraulic rotary actuator.

~~Claim 58. (Cancelled.)~~

59. (Currently Amended.) A container handling system as in claim 64 ~~58~~ further comprising control means for damping the action of said hydraulic cylinder toward the extremes of travel thereof.

60. (Currently Amended.) A container handling system as in claim 63 ~~49~~ wherein said extensible boom is mounted on a side loading refuse vehicle so as to enable the emptying of containers into a charging hopper of said vehicle.

61. (Previously Added.) A container handling system as in claim 56 wherein said extensible boom is mounted on a side loading refuse vehicle so as to enable the emptying of containers into a charging hopper of said vehicle.

62. (Previously Added.) A container handling system as in claim 57 wherein said extensible boom is mounted on a side loading refuse vehicle so as to enable the emptying of containers into a charging hopper of said vehicle.

63. (New.) A container handling system for mounting on a refuse vehicle comprising:

- (a) an extensible boom mounted so as to provide variable lateral, generally horizontal range with respect to accessing and discharging containers of interest;
- (b) a mechanized arm arrangement carried by said extensible boom and including a reversible hydraulic rotary actuator having at least one rotating output shaft end and at least one curved arm connected to be supported by and connected to rotate with an output shaft of said rotary actuator;

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- (c) a separately operated container grabber device for grabbing and releasing containers of interest, said grabber device being carried by the free end of said one or more curved arms in an offset arrangement;
 - (d) a boom extension position sensing system for sensing the relative extension of said boom;
 - (e) an arm position sensing system for monitoring the angular position of said one or more curved arms based on the sensed rotational position of said hydraulic rotary actuator;
 - (f) actuators for extending and retracting said boom and operating said container grabber device; and
 - (g) a control system for controlling the operation of said container handling system.
64. (New.) A container handling system for mounting on a refuse vehicle comprising:
- (a) an extensible boom mounted so as to provide variable lateral, generally horizontal range with respect to accessing and discharging containers of interest;
 - (b) a mechanized arm arrangement carried by said extensible boom and including a double acting reversible hydraulic linear actuator and at least one curved arm connected to be supported by and rotate with a mounting shaft carried by and journaled with respect to said extensible boom;
 - (c) a separately operated container grabber device for grabbing and releasing containers of interest, said grabber device being carried by the free end of said one or more curved arms in an offset arrangement;
 - (d) a boom extension position sensing system for sensing the relative extension of said boom;

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- (e) an arm position sensing system for sensing the angular position of said one or more curved arms based on the rotational position of said mounting shaft;
 - (f) actuators for extending and retracting said boom and operating said container grabber device; and
 - (g) a control system for controlling the operation of said container handling system.
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